U.S. Appln. No. 09/476,485
Our Ref. No.: PHY-003US1/108236.119
Comm. Resp. to Examiner Inquiry dated November 22, 2004

EXHIBIT C

A copy of page 56 of the instant application providing the amino acid sequence of a DI-FRIL (SEQ ID NO:2).

The *Dl-FRIL* nucleotide sequence enabled inference of the following derived amino acid sequence for the Dl-FRIL protein:

AQSLSFSFTK FDPNQEDLIF QGHATSTNNV LQVTKLDSAG NPVSSSAGRV
LYSAPLRLWE DSAVLTSFDT IINFEISTPY TSRIADGLAF FIAPPDSVIS
YHGGFLGLFP NANTLNNSST SENQTTTKAA SSNVVAVEFD TYLNPDYGDP
NYIHIGIDVN SIRSKVTAKW DWQNGKIATA HISYNSVSKR LSVTSYYAGS
KPATLSYDIE LHTVLPEWVR VGLSASTGQD KERNTVHSWS FTSSLWTNVA
KKENENKYIT RGVL (SEQ ID NO:2)

The naturally-occurring signal sequence from the FRIL family member isolated from Dolichos lab lab (*i.e.*, Dl-FRIL) has the following sequence:

MASSNLLTLA LFLVLLTHAN SA (SEQ ID NO: 4)

This sequence is located directly N-terminal to the first amino acid of SEQ ID NO: 2. The nucleic acid sequence of the naturally-occurring Dl-FRIL protein is provided below.

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   1  ATGGCTTCCT CCAACTTACT CACCCTAGCC CTCTTCCTTG TGCTTCTCAC
  51  CCACGCAAAC TCAGCCGCAC AGTCATTGTC ATTTAGTTTC ACCAAGTTTG
 101  ATCCTAACCA AGAGGATCTT ATCTTCCAAG GTCATGCCAC TTCTACAAAC
 151  AATGTCTTAC AAGTCACCAA GTTAGACAGT GCAGGAAACC CTGTGAGTTC
 201  TAGTGCGGGA AGAGTGTTAT ATTCTGCACC ATTGCGCCTT TGGGAAGACT
 251  CTGCGGTATT GACAAGCTTT GACACCATTA TCAACTTTGA AATCTCAACA
 301  CCTTACACTT CTCGTATAGC TGATGGCTTG GCCTTCTTCA TTGCACCACC
 351  TGACTCTGTC ATCAGTTATC ATGGTGGTTT TCTTGGACTC TTTCCCAACG
 401  CAAACACTCT CAACAACTCT TCCACCTCTG AAAACCAAAC CACCACTAAG
 451  GCTGCATCAA GCAACGTTGT TGCTGTTGAA TTTGACACCT ATCTTAATCC
 501  CGATTATGGT GATCCAAACT ACATACACAT CGGAATTGAC GTCAACTCTA
 551  TTAGATCCAA GGTAACTGCT AAGTGGGACT GGCAAAATGG GAAAATAGCC
 601  ACTGCACACA TTAGCTATAA CTCTGTCTCT AAAAGACTAT CTGTTACTAG
 651  TTATTATGCT GGGAGTAAAC CTGCGACTCT CTCCTATGAT ATTGAGTTAC
 701  ATACAGTGCT TCCTGAATGG GTCAGAGTAG GGTTATCTGC TTCAACTGGA
 751  CAAGATAAAG AAAGAAATAC CGTTCACTCA TGGTCTTTCA CTTCAAGCTT
 801  GTGGACCAAT GTGGCGAAGA AGGAGAATGA AAACAAGTAT ATTACAAGAG
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